Form G-2
(Rev. 7/03)

KANSAS CORPORATION COMMISSION
ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:
☑ Open Flow
☑ Deliverabilty

(See Instructions on Reverse Side)

Test Date: 7/24 to 7/25/14

API No. 15: 007-24,139-00-00

Company	Lease	Well Number
LB Exploration, Inc.	Boyd	2

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
Barber	SENWNWNW	34	32S	13W	

Field	Reservoir	Gas Gathering Connection
	Miss	Oneok

Completion Date	Plug Back Total Depth	Packer Set at
3/21/14		none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
5.5			4690	4530	4580

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2.875			4528		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
single	Oil/SW	no

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
tubing	.0591	6.979	.674

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
	flange	2"

Pressure Buildup: Shut in 7/20 20 14 at 11:30 am (AM) (PM) Taken 7/24 20 14 at 11:30 am (AM) (PM)

Well on Line: Started 7/24 20 14 at 11:30 am (AM) (PM) Taken 7/25 20 14 at 11:30 am (AM) (PM)

OBSERVED SURFACE DATA

Duration of Shut-in 96 Hours

Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Casing Wellhead Pressure psia	Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig	Tubing Wellhead Pressure psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						573	587.4	572	586.4	96	
Flow	1.250	81	6.2	81		529	543.4	278	292.4	24	0

FLOW STREAM ATTRIBUTES

Plate Coeffiecient (F_b) (F_p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m x h}$	Gravity Factor F_g	Flowing Temperature Factor F_{tt}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m
8.329	95.4	24.32	1.217	.9804	----------	242		

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_c)^2$ = 345.038 ; $(P_w)^2$ = 295.283 ; P_d = _____ % ; $(P_c - 14.4) + 14.4$ = _____ ; $(P_a)^2$ = 0.207 ; $(P_d)^2$ = _____

$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by: $P_c^2 - P_w^2$	Backpressure Curve Slope = "n" ---- or ---- Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
344.831	49.755	6.930	.8407	.699	.5876	3.87	936

Open Flow 936 Mcfd @ 14.65 psia X .50 = Deliverability 468 Mcfd @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 7th day of November , 20 14 .

Witness (if any)

For Company

For Commission

Checked by

Received
KANSAS CORPORATION COMMISSION
NOV 12 2014
CONSERVATION DIVISION
WICHITA, KS